

COMBINATION WELDER II

Class Definition

Under general supervision, provides journey-level work in the fabrication and repair of ferrous and non-ferrous parts and equipment.

Distinguishing Characteristics

Combination Welder II is the journey-level class in the Combination Welder series. Incumbents perform skilled welding and operate a variety of hand and electric tools to fabricate metal, weld, braze and perform machine work. This class is distinguished from Combination Welder Leadworker in that incumbents of the latter provide lead direction to subordinate welding employees in addition to performing journey-level welding and fabrication functions.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Forms metal and welds using acetylene and arc welding equipment; selects proper type, size and heat of materials for making welds.

Performs blacksmithing functions such as fabricating eyebolts, braces, and angle brackets; adds metal to tools, parts and equipment.

Operates a variety of hand and electric tools in performing metal fabrication, welding, brazing, and machine work.

Fabricates parts from sketches and drawings.

Fabricates a miscellaneous variety of items such as bumpers, tow bars, ladder racks, tool boxes, and pipe railings.

Preheats and cleans metals; lays out, cuts, and fits materials for welding.

Straightens and repairs bent and damaged equipment and tools.

Drives truck with portable welding equipment to outside projects.

Performs related duties as required.

Combination Welder II

Page 2

Knowledge, Abilities, and Skills

Knowledge of the standard practices, methods, tools, and materials used in welding.

Knowledge of the occupational hazards, safety precautions, and CAL/OSHA requirements of the trade.

Ability to fabricate new parts using old parts as patterns.

Ability to understand and follow oral and written instructions and to read and work from sketches and drawings.

Ability to read engineering drawings and perform related mathematical computations.

Skill in the use and care of tools and equipment common to the welding trade.

Minimum Qualifications

One year of experience as a journey-level welder or completion of a recognized apprenticeship in the welding trade.

Necessary Special Requirement

Possession of a valid California Driver's License at time of appointment.

APPROVED: _____

Director

DATE: _____

ATS:GAK:NT/lb:05/24/00